

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
 Data File : VN066941.D
 Acq On : 4 May 2021 17:28
 Operator : JC/MD
 Sample : PB136139ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB136139ZHE#04

Manual Integrations
 APPROVED

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 5/5/2021 5:33:07 PM

Quant Time: May 05 05:25:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 13:11:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.592	168	531099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.520	114	890648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	849688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	309860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	412962	49.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.80%		
35) Dibromofluoromethane	7.514	113	294038	48.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.24%		
50) Toluene-d8	10.030	98	1180844	51.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.54%		
62) 4-Bromofluorobenzene	12.350	95	380683	48.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.62%		
Target Compounds						Qvalue
16) Acetone	3.757	43	59662	20.29	ug/l	97
18) Methyl Acetate	4.264	43	12595m	1.50	ug/l	
20) Methylene Chloride	4.473	84	84894	11.38	ug/l #	90
43) Isopropyl Acetate	8.096	43	60923	3.97	ug/l #	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

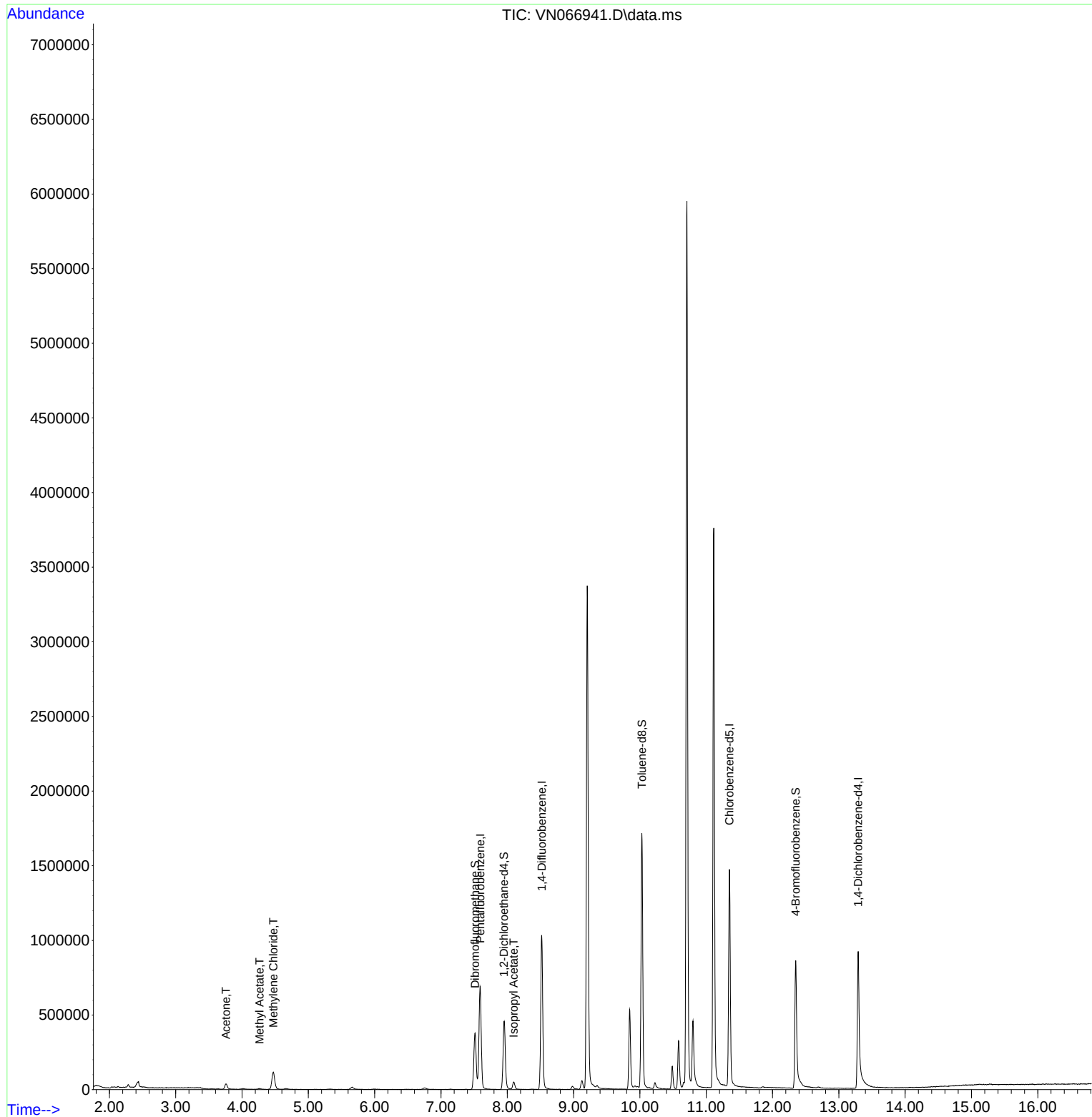
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050421\
Data File : VN066941.D
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Operator : JC/MD
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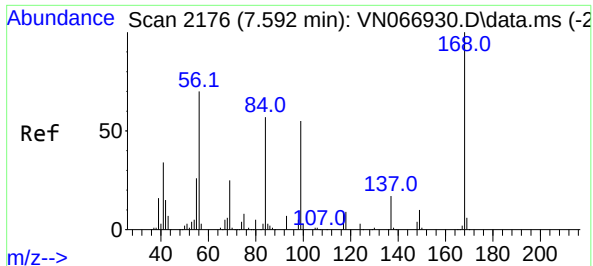
Instrument :
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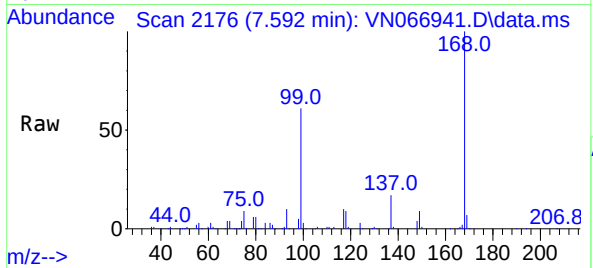
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Quant Time: May 05 05:25:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Tue May 04 13:11:03 2021
Response via : Initial Calibration

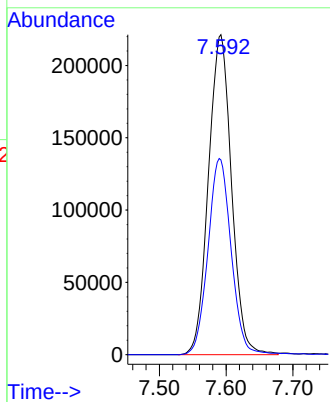
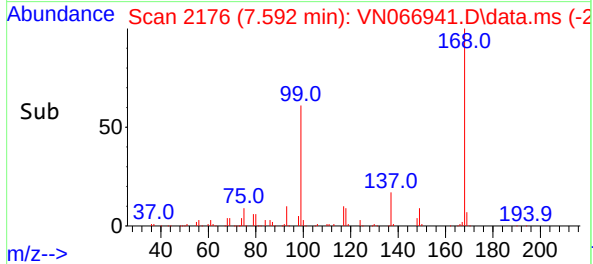




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.592 min Scan# 2176
Delta R.T. 0.000 min
Lab File: VN066941.D
Acq: 4 May 2021 17:28



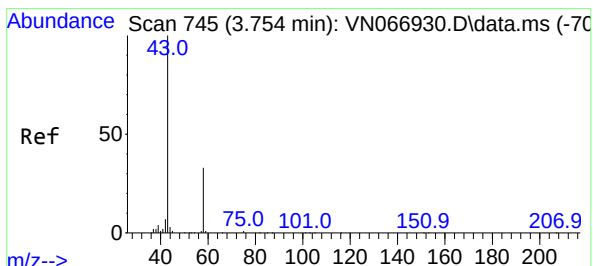
Tgt Ion:168 Resp: 531099
Ion Ratio Lower Upper
168 100
99 60.8 42.6 63.8



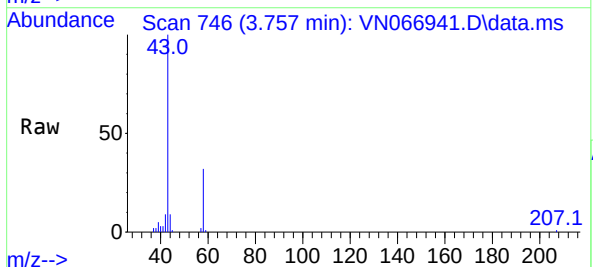
Instrument :
MSVOA_N
ClientSampleId :
PB136139ZHE#04

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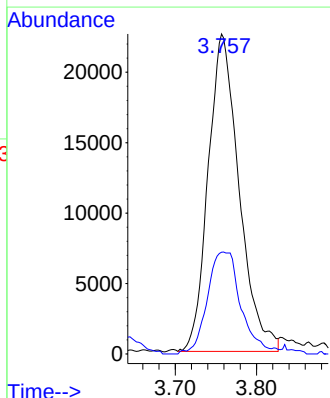
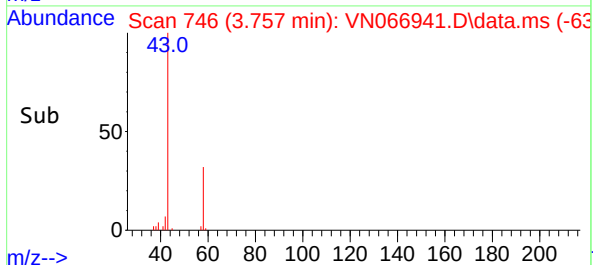
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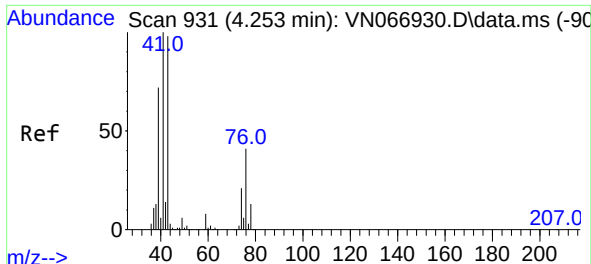


#16
Acetone
Concen: 20.29 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN066941.D
Acq: 4 May 2021 17:28



Tgt Ion: 43 Resp: 59662
Ion Ratio Lower Upper
43 100
58 32.1 27.0 40.6





#18

Methyl Acetate

Concen: 1.50 ug/l m

RT: 4.264 min Scan# 935

Delta R.T. 0.011 min

Lab File: VN066941.D

Acq: 4 May 2021 17:28

Tgt Ion: 43 Resp: 12595

Ion Ratio Lower Upper

43 100

74 7.4 19.5 29.3#

Instrument :

MSVOA_N

ClientSampleId :

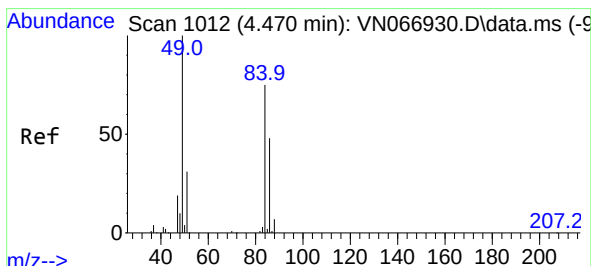
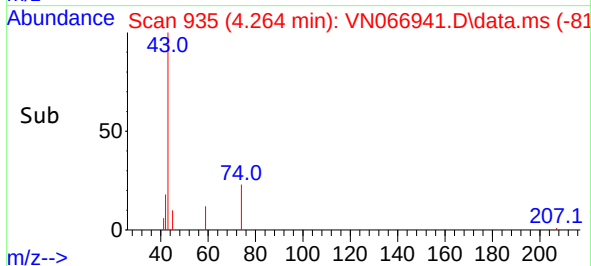
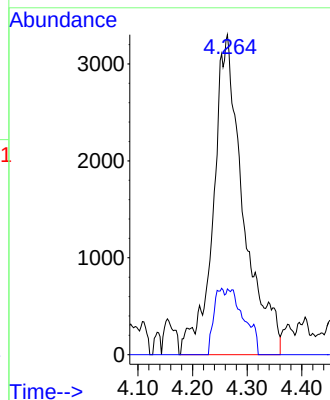
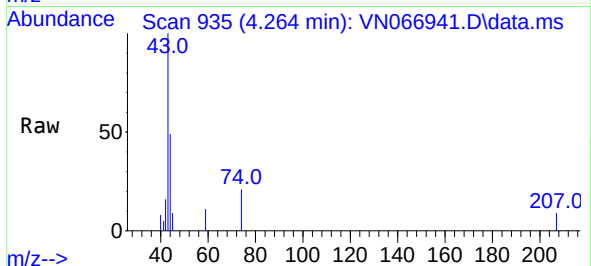
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#20

Methylene Chloride

Concen: 11.38 ug/l

RT: 4.473 min Scan# 1013

Delta R.T. 0.003 min

Lab File: VN066941.D

Acq: 4 May 2021 17:28

Tgt Ion: 84 Resp: 84894

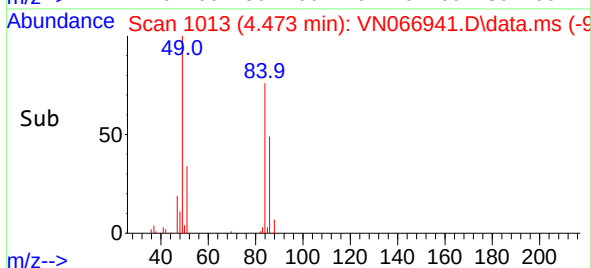
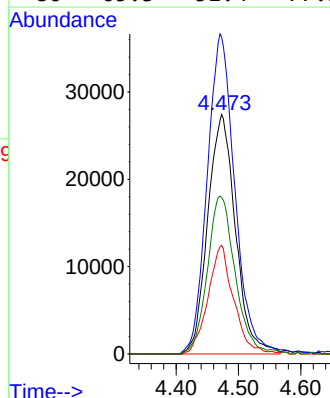
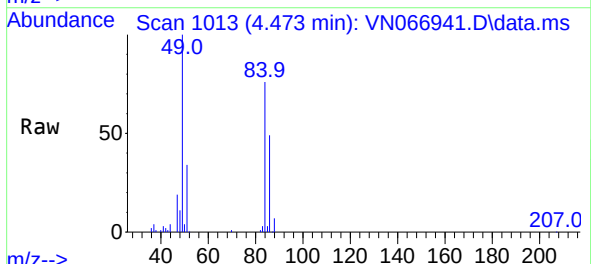
Ion Ratio Lower Upper

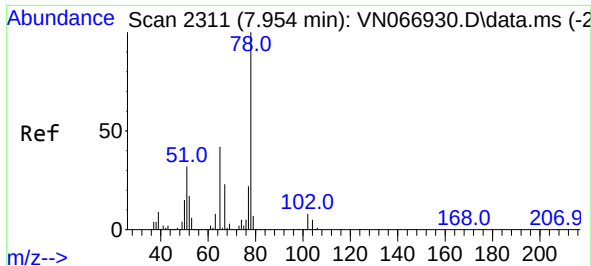
84 100

49 132.3 94.6 141.8

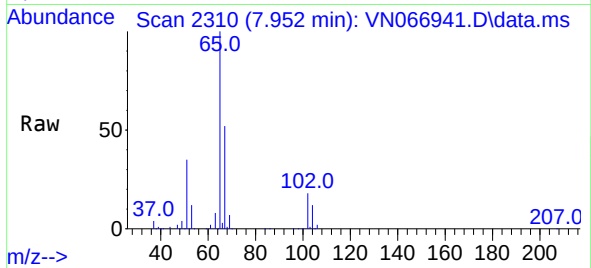
51 45.4 29.9 44.9#

86 65.3 51.4 77.2

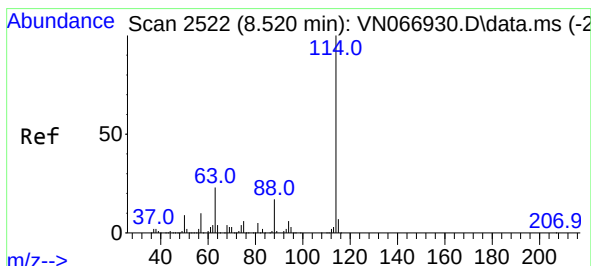
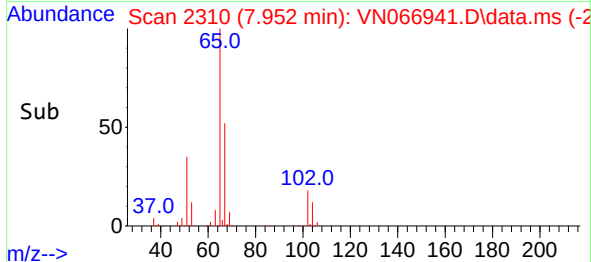
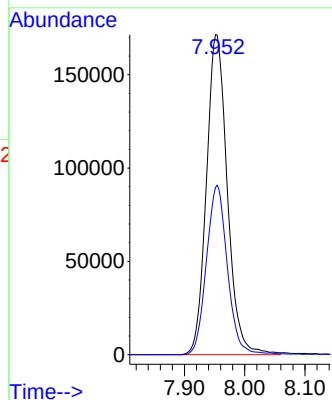




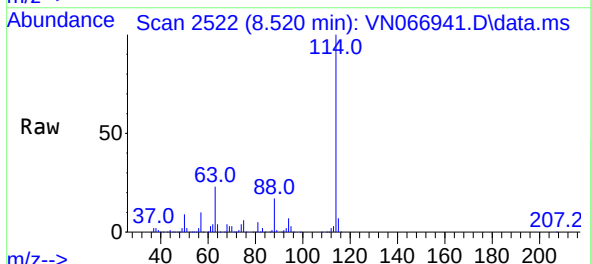
#33
1,2-Dichloroethane-d4
Concen: 49.40 ug/l
RT: 7.952 min Scan# 2310
Delta R.T. -0.002 min
Lab File: VN066941.D
Acq: 4 May 2021 17:28



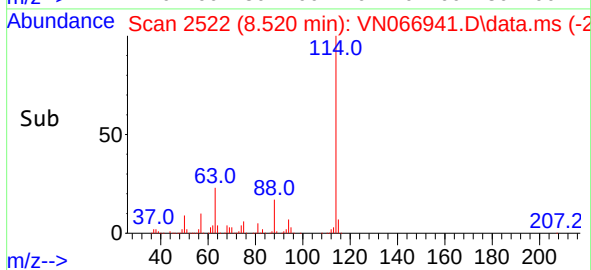
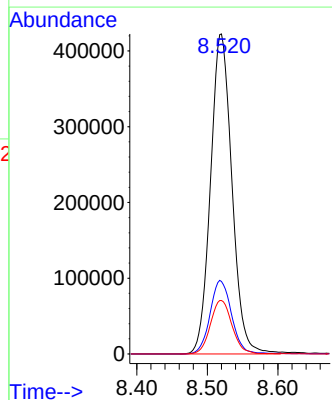
Tgt Ion: 65 Resp: 412962
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN066941.D
Acq: 4 May 2021 17:28



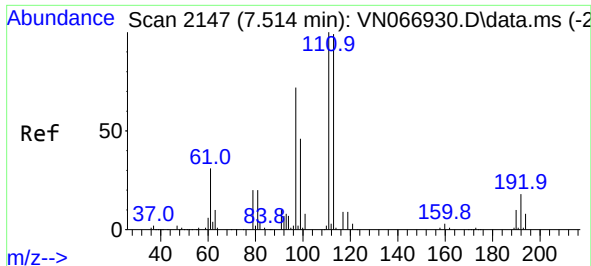
Tgt Ion: 114 Resp: 890648
Ion Ratio Lower Upper
114 100
63 22.7 0.0 38.6
88 16.7 0.0 30.6



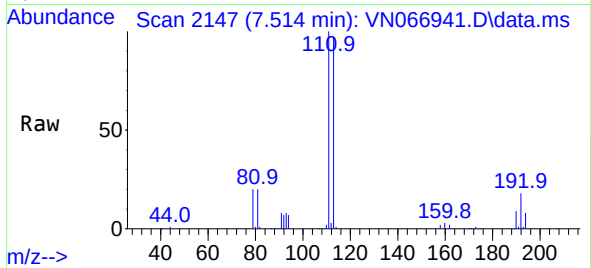
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PB136139ZHE#04

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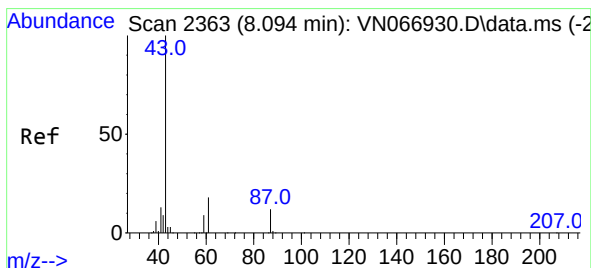
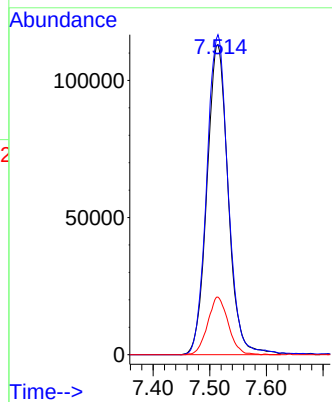
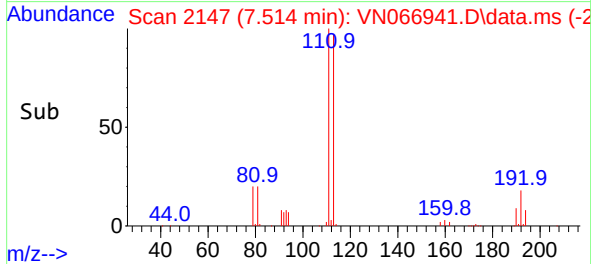
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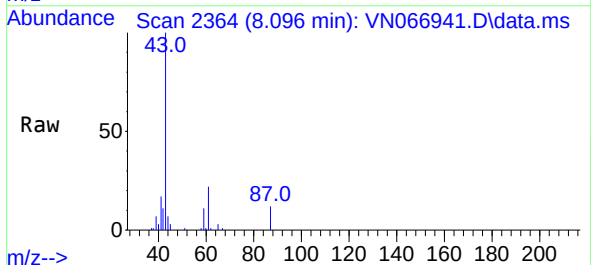
#35
Dibromofluoromethane
Concen: 48.62 ug/l
RT: 7.514 min Scan# 2147
Delta R.T. 0.000 min
Lab File: VN066941.D
Acq: 4 May 2021 17:28



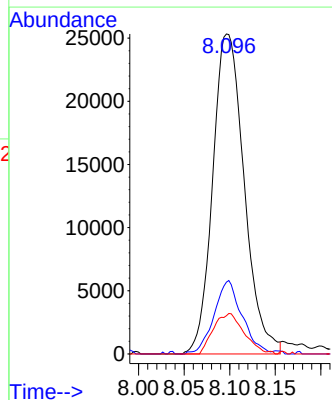
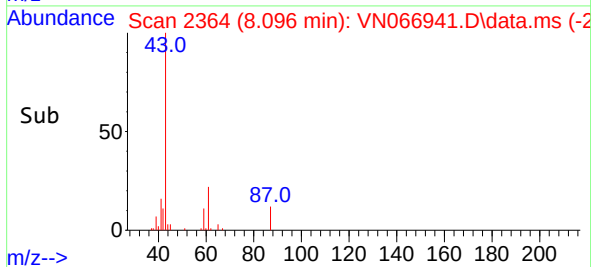
Tgt Ion: 113 Resp: 294038
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.0 15.4 23.0



#43
Isopropyl Acetate
Concen: 3.97 ug/l
RT: 8.096 min Scan# 2364
Delta R.T. 0.002 min
Lab File: VN066941.D
Acq: 4 May 2021 17:28



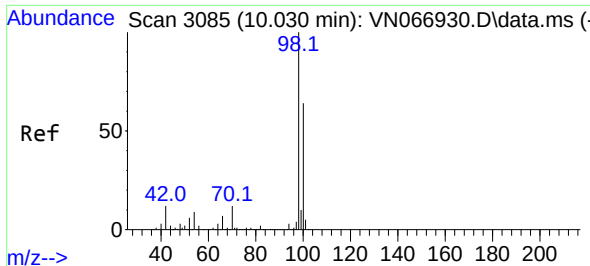
Tgt Ion: 43 Resp: 60923
Ion Ratio Lower Upper
43 100
61 20.4 22.5 33.7#
87 12.3 11.1 16.7



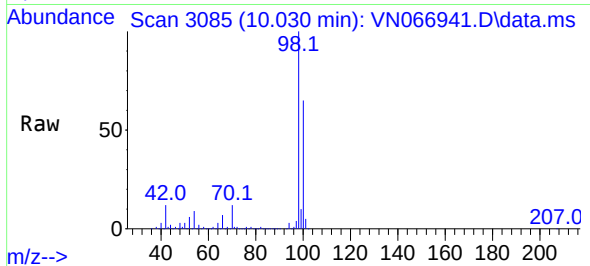
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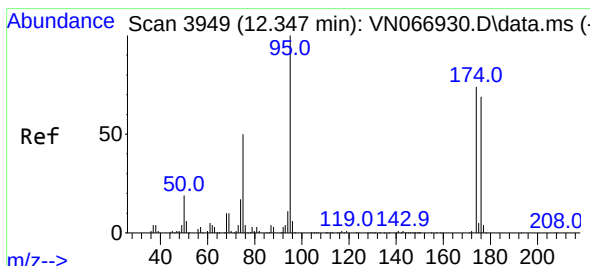
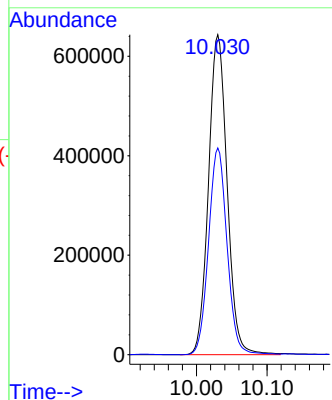
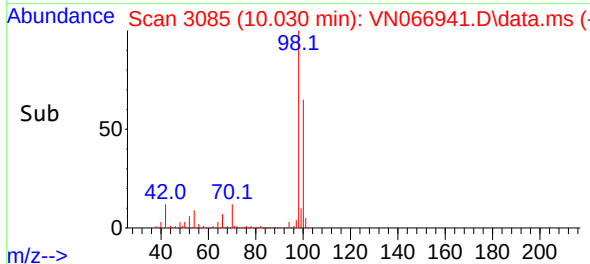
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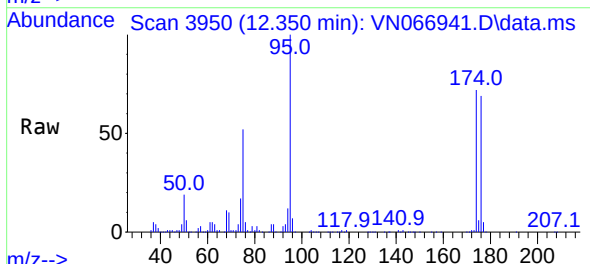
#50
Toluene-d8
Concen: 51.27 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN066941.D
Acq: 4 May 2021 17:28



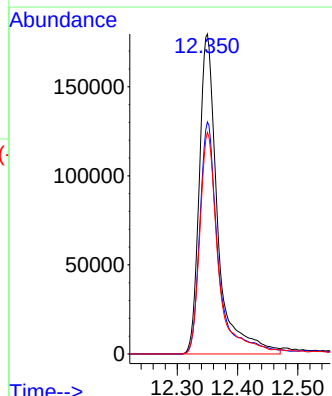
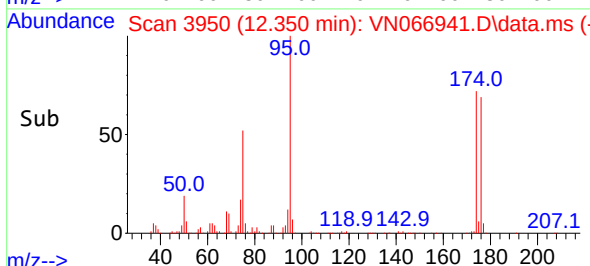
Tgt Ion: 98 Resp: 1180844
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 48.81 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VN066941.D
Acq: 4 May 2021 17:28



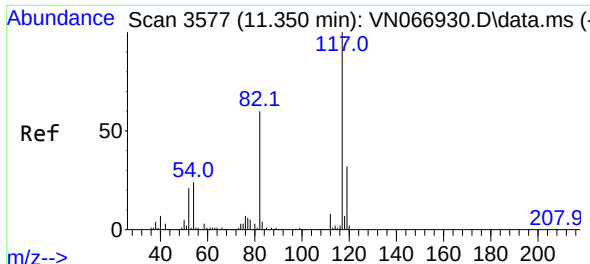
Tgt Ion: 95 Resp: 380683
Ion Ratio Lower Upper
95 100
174 73.1 0.0 169.0
176 69.5 0.0 162.4



Instrument :
MSVOA_N
ClientSampleId :
PB136139ZHE#04

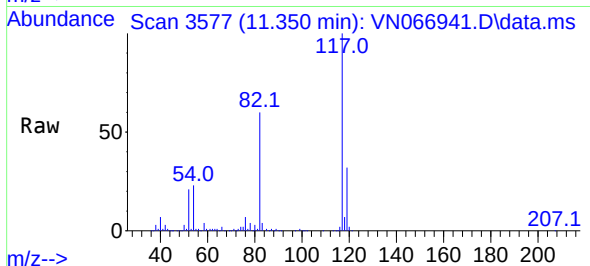
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VN066941.D
Acq: 4 May 2021 17:28

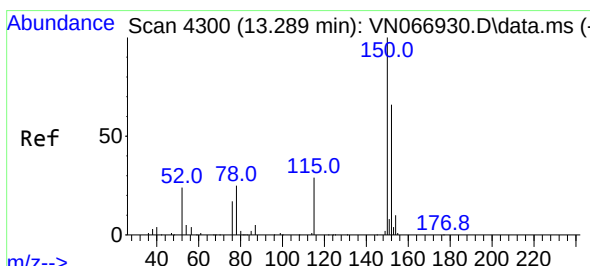
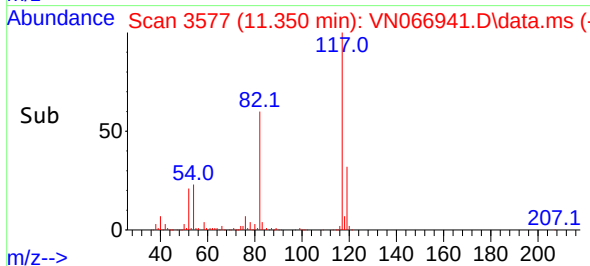
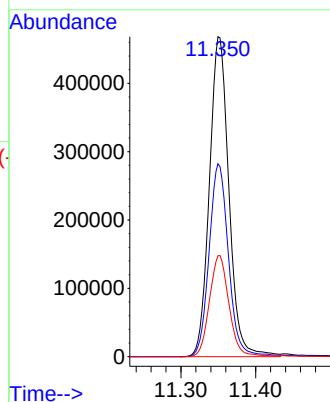
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ClientSampleId :
PB136139ZHE#04



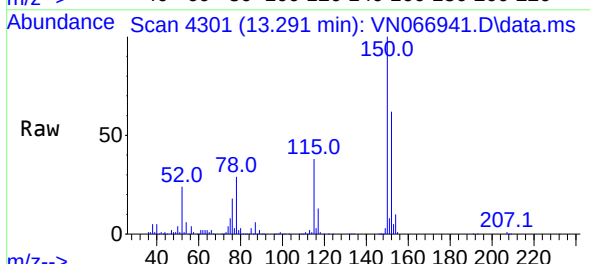
Tgt Ion:117 Resp: 849688
Ion Ratio Lower Upper
117 100
82 60.3 43.7 65.5
119 31.6 26.1 39.1

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066941.D
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Tgt Ion:152 Resp: 309860
Ion Ratio Lower Upper
152 100
115 61.0 28.5 85.6
150 164.5 0.0 347.6

